

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. NOVCEL028C I	APPLICATION NO. 10/447,319
	APPLICANT	
	FILING DATE May 28, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BH	5,834,308	11/10/98	Peck, et al.			
↓	6,001,647	12/14/99	Peck, et al.			
↓	6,362,201	12/04/01	Fung, et al.			
↓	2002/0155598 A1	10/24/02	Kerr-Conte, et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
BH	Arias, et al. "Differentiation of Pancreatic Acinar Cells Into Duct-Like Cells <i>In Vitro</i> , <i>Laboratory Investigation</i> , Vol. 69, No. 5, pp. 518-530, 1993.
	Bonner-Weir, et al. "A Second Pathway for Regeneration of Adult Exocrine and Endocrine Pancreas," <i>Diabetes</i> , Vol. 42, pp. 1715-1720, December, 1993.
	Bonner-Weir, et al. "In Vitro Cultivation of Human Islets from expanded Ductal Tissue," <i>Proceedings of the National Academy of Sciences</i> , Vol. 97, No. 14, pp. 7999-8004, July 5, 2000.
	Bouwens, "Transdifferentiation Versus Stem Cell Hypothesis for the Regeneration of Islet Beta-Cells in the Pancreas," <i>Microscopy Research and Technique</i> , Vol. 43, pp. 332-336, 1998.
	Bouwens, et al. "Cytokeratins as Markers of Ductal Cell Differentiation and Islet Neogenesis in the Neonatal Rat Pancreas," <i>Diabetes</i> , Vol. 43, pp. 1278-1283, November, 1994.
	Brannon, et al. "Effects of Epidermal Growth Factor, Insulin and Insulin-Like Growth Factor I on Rat Pancreatic Acinar Cells Cultured in serum-Free Medium," <i>Pancreas</i> , Vol. 3, No. 1, pp. 41-48, 1988.
	Cornelius, et al. "In Vitro-Generation of Islets in Long-Term Cultures of Pluripotent Stem Cells from Adult Mouse Pancreas," <i>Hormone and Metabolic Research</i> , Vol. 29, pp. 271-277, 1997.
	DeLisle, et al. "Pancreatic Acinar Cells in Culture: Expression of Acinar and Ductal Antigens in a Growth-Related Manner," <i>European Journal of Cell Biology</i> , Vol. 51, pp. 64-75, 1990.
	Gmyr, et al. "Adult Human Cytokeratin 19-Positive Cells Reexpress Insulin Promoter Factor 1 <i>In Vitro</i> ," <i>Diabetes</i> , Vol. 49, pp. 1671-1680, 2000.
	Hall, et al. "Rapid Acinar to Ductal Transdifferentiation in Cultured Human Exocrine Pancreas," <i>Journal of Pathology</i> , Vol. 166, pp. 97-103, 1992.
	Kerr-Conte, et al. "Ductal Cyst Formation in Collagen-Embedded Adult Human Islet Preparations, A Means to the reproduction of Nesidioblastosis <i>In Vitro</i> ," <i>Diabetes</i> , Vol. 45, pp. 1108-1114, 1996.
	Lefebvre, et al. "Culture of Adult Human Islet Preparations with Hepatocyte Growth Factor and 804G Matrix is Mitogenic for Duct Cells But Not for Beta-Cells," <i>Diabetes</i> , Vol. 47, No. 1, pp. 134(4), January, 1998.
↓	Excerpt from <i>Pancreatic Islet Cell Regeneration and Growth</i> , edited by A.I. Vinik, Plenum Press, New York, 1992, Author: Nielsen, et al. "The Role of Growth Hormone and Prolactin in Beta Cell Growth and Regeneration,"
↓	Oliver, et al. "Growth of Exocrine Acinar Cells on a Reconstituted Basement Membrane Gel," <i>In Vitro Cellular & Developmental Biology</i> , Vol. 23, No. 7, pp. 485-473, July, 1987.

EXAMINER	/Bruce Hissong/	DATE CONSIDERED	08/31/2006
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NOVCEL028A	APPLICATION NO. 10/447,319
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT	
	FILING DATE May 28, 2003	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
BH	Otonkoski, et al. "Lack of Glucose-Induced Functional Maturation During Long-term Culture of Human Fetal Islet Cells," <i>Life Sciences</i> , Vol. 48, pp. 2157-2183, 1991.
↓	Otonkoski, et al. "Hepatocyte Growth Factor/Scatter Factor Has Insulinotropic Activity in Human Fetal Pancreatic Cells," <i>Diabetes</i> , Vol. 42, pp. 947-953, July, 1994.
↓	Vlá, et al. "Normal Human Pancreas Cultures Display Functional Ductal Characteristics," <i>Laboratory Investigation</i> , Vol. 71, No. 3, pp. 423-431, 1994.

H:\DOCS\CS\CSÇ-5218.DOC
060503

EXAMINER /Bruce Hissong/	DATE CONSIDERED 08/31/2006
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/447,325
Filing Date	5/28/2003
First Named Inventor	Scharp et al.
Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	NOVCEL.016

Sheet	1	of	1	Attorney Docket Number	NOVCEL.016
-------	---	----	---	------------------------	------------

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Bruce Hissong/	Date Considered	08/31/2006
-----------------------	-----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NOVCEL028C1	APPLICATION NO. 10/800,813
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Scharp, et al.	
		FILING DATE March 15, 2004	GROUP Unknown

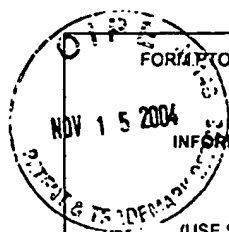
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BH	5,935,852	08/10/99	Follettie, et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
BH	International Search Report completed on August 23, 2004 and issued to a related, pending foreign application

H:\DOCS\CSC\CSC-7880.DOC
101104

EXAMINER	/Bruce Hissong/	DATE CONSIDERED	08/31/2006
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOVCEL.028C1APPLICATION NO.
10/800,813INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Scharp, et al.FILING DATE
March 15, 2004GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BH	6,815,203	11/09/04	Bonner-Weir, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

H:\DOCS\CSC\CSC-8136.DOC
111204

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

08/31/2006

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.